

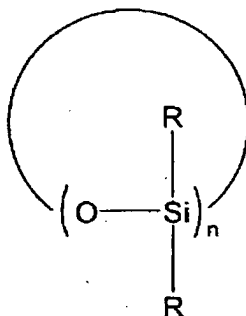
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JUL 21 2008

Application Number: 10/525,284
Amendment Dated: July 21, 2008
Reply to Office Action Dated: May 22, 2008

LISTING OF THE CLAIMS

1. (currently amended) A poly(cyclosiloxane) network comprising the hydrosilation reaction product of:
a cyclosiloxane of the formula:



wherein R and ~~R₂~~ are the same or different for each siloxane moiety and are selected from the group consisting of hydrogen, an alkyl group, an aryl group, and a cycloalkyl group, and wherein n is an integer from 3 to 8; and

moieties selected from ~~the group consisting of~~ linear silanols, branched silanols, halosilanes, alkoxysilanes, vinyl silanes, allyl silanes, vinyl siloxanes, and allyl siloxanes, and

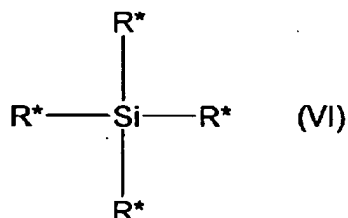
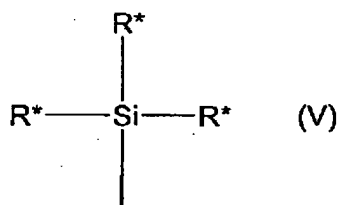
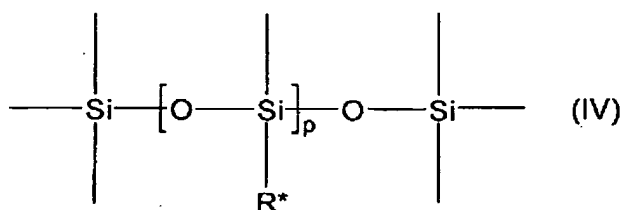
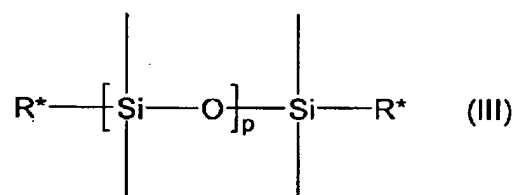
wherein the Si-O bonds of the cyclosiloxanes are substantially unrearranged compared to the cyclosiloxane precursors of the network.

2. (cancelled)
3. (cancelled)
4. (currently amended) The poly(cyclosiloxane) network of claim 1, wherein ~~n=5~~ n is equal to 5.

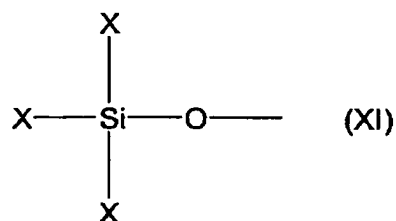
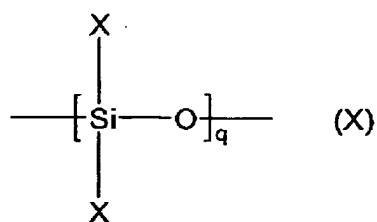
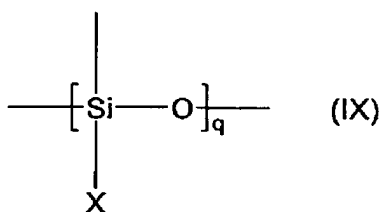
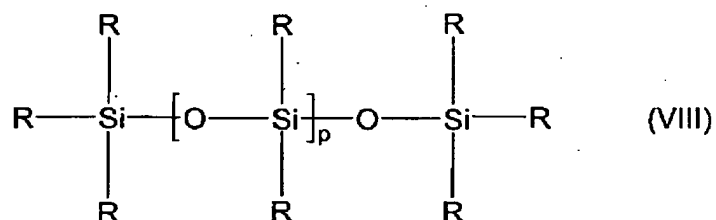
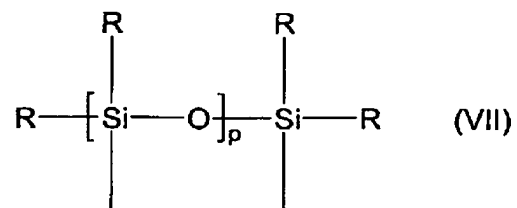
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5. (original) The poly(cyclosiloxane) network of claim 1, wherein the molar ratio of cyclosiloxanes to reacted moieties is greater than 1:1.

6. (currently amended) The poly(cyclosiloxane) network of claim 1, wherein the crosslinking group has a formula selected from formulae II-XI ~~III~~ III to XI:



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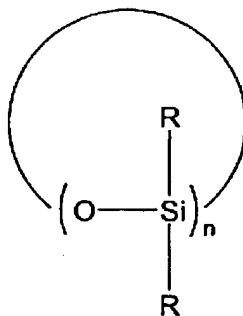
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wherein p is ~~0-200~~ equal to an integer from 0 to 200, q is ~~1-100~~ equal to an integer from 1 to 100, R is a C₁-C₄ alkyl, R* is a vinyl, an allyl, a hydride, a hydroxyl, a halogen or a C₁-C₄ alkoxy, and X is a hydride, a hydroxyl, a halogen or a C₁-C₄ alkoxy.

7. (currently amended) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane is selected ~~from the group consisting of~~ trimethylcyclotrisiloxane, tetramethylcyclotetrasiloxane, hexamethylcyclohexasiloxane, heptamethylcycloheptasiloxane, and octakis(dimethylsiloxy)T8-silsesquioxane.

8. (original) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane is pentamethylcyclopentasiloxane and the crosslinking group is a dihydroxyhexasiloxane.

9. (original) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane of the formula:



contains at least 2 Si-H bonds.

Claims 10 through 20, cancelled.

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21. (currently amended) The polycyclosiloxane network of claim 1, ~~or 2~~
wherein the network is a thermoset composition.